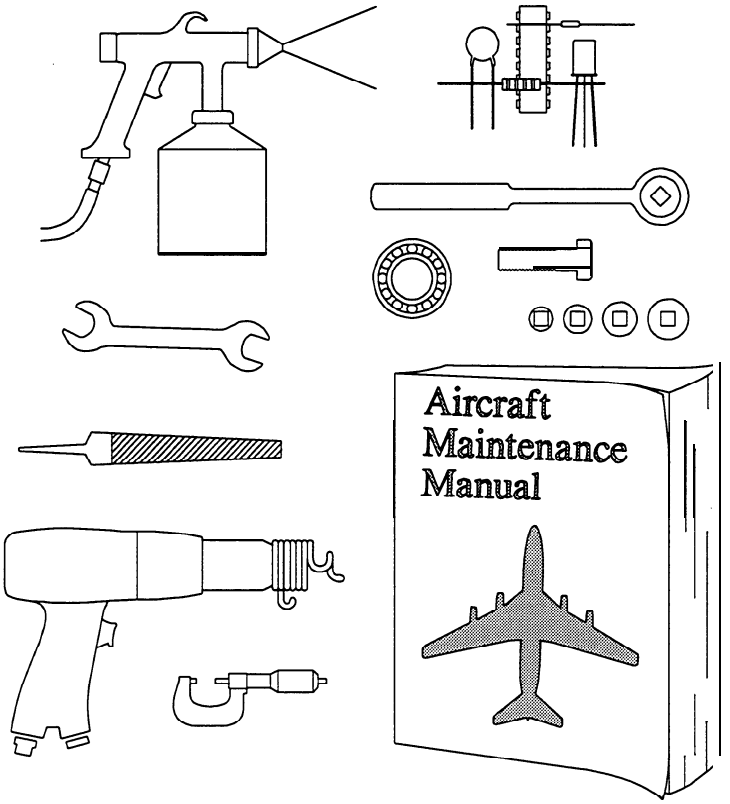
AC 65-28

AVIATION MECHANIC GENERAL, AIRFRAME, AND POWERPLANT KNOWLEDGE TEST GUIDE



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Federal Aviation Administration

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1995

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
Flight Standards Service

PREFACE

The Flight Standards Service of the Federal Aviation Administration (FAA) has developed this guide to help applicants meet the knowledge requirements for aviation mechanic certification.

This guide contains information about eligibility requirements, test descriptions, testing and retesting procedures, and sample test questions representative of those used in the official tests. Sample test questions and choices of answers are based on regulations, principles, and practices valid at the time this guide was printed. In addition, appendix 1 provides a list of reference materials and subject matter knowledge codes, and computer testing designees. The list of subject matter knowledge codes should be referred to when reviewing areas of deficiency on the airman test report. Changes to the list of reference materials for all mechanic, pilot, and parachute rigger tests will be published as a separate advisory circular.

The aviation mechanic general, airframe, and powerplant test question bank; and reference and subject matter knowledge code list, with changes, may be obtained by computer modem from FedWorld at (703) 321-3339. This bulletin board service is provided by the U.S. Department of Commerce, 24 hours a day, 7 days per week. For technical assistance regarding computer software and modem requirements for this service, contact the FedWorld help desk at (703) 487-4608 from 7:30 a.m. to 5 p.m. EST, Monday through Friday.

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Comments regarding this guide should be sent to:

Federal Aviation Administration
Operations Support Branch, AFS-630
Attn: Aviation Mechanic Certification Manager
P. O. Box 25082
Oklahoma City, OK 73125

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AVIATION MECHANIC GENERAL, AIRFRAME, AND POWERPLANT KNOWLEDGE TEST GUIDE

INTRODUCTION

The FAA has available hundreds of computer testing centers nationwide. These testing centers offer the full range of airman knowledge tests. Refer to appendix 1 in this guide for a list of computer testing designees.

This knowledge test guide was developed to be used by applicants preparing to take the following knowledge tests on the computer:

Aviation Mechanic General
Aviation Mechanic Airframe
Aviation Mechanic Powerplant

What is required to become a skilled and effective airframe and powerplant (A & P) aviation mechanic? Although some individuals possess more knowledge and skills than others, no one is born a natural aviation mechanic. A competent aviation mechanic becomes so through study, hard work, and experience.

This guide is not offered as a quick and easy way to obtain the necessary information for passing the knowledge tests. There is no quick and easy way to obtain the background of experience, knowledge, and skill needed to safely and effectively maintain either vintage or modem, highly complex aircraft. Rather, the intent of this guide is to define and narrow the field of study, as much as possible, to the required knowledge areas for obtaining an aviation mechanic certificate.

The questions on the aviation mechanic tests pertain to FAA regulations, and a wide variety of aircraft, powerplants, and systems. The ***information contained in the questions must never take precedence over specific information furnished by a manufacturer in the maintenance of an aircraft.***

ELIGIBILITY REQUIREMENTS

The general qualifications for an aviation mechanic certificate require that the applicant have a combination of experience, knowledge, and skill. An applicant for an aviation mechanic certificate with airframe and powerplant ratings should carefully review the appropriate sections of Federal Aviation Regulations (FAR) Part 65 for detailed information pertaining to eligibility requirements. Further information may be obtained from the nearest FAA Flight Standards District Office (FSDO).

Eligibility requirements must be met before taking the certification knowledge and practical tests. The determination of eligibility of applicants for the general, airframe, and powerplant tests is made on the basis of one of the following options:

1 **Civil and/or military experience.** (See FAR Part 65, Subpart A-General, and Subpart D-Mechanics.) If you believe you may be qualified to exercise this option, you must have your experience evaluated and certified by an FAA Aviation Safety Inspector (Airworthiness). If the inspector determines that you have the required experience, FAA Forms 8060-7, Airman's Authorization for Written Test, are issued. These forms are issued-one each for the general, airframe, and powerplant tests-and MUST be presented along with appropriate identification to take the corresponding knowledge tests.

2. **Graduation from an FAA-certificated Aviation Maintenance Technician School (AMTS).** Depending upon the testing facility affiliation,[1] a graduation certificate or certificate of completion or FAA Forms 8060-7 are required, along with proper identification.

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[1]Affiliation is a procedural arrangement to provide for graduates to take the knowledge and practical tests. The arrangement requirements are agreed to by a particular school, testing center, and designated mechanic examiner (DME), having also been approved by the supervising FAA FSDO.

If your test is to be taken at a computer testing center and the practical testing administered by a designated mechanic examiner (DME), and BOTH are affiliated with the AMTS, a copy of the graduation certificate or certificate of completion (along with proper identification) may be all that you are required to present. In this case, the school, the testing center, the DME, and the local FAA FSDO will all be involved and know what authorization is needed. On the other hand, if either one, or both the testing center and the DME are NOT affiliated with the AMTS, then FAA Forms 8060-7 are required.

KNOWLEDGE AREAS ON THE TESTS

The mechanic tests are comprehensive because they must test an applicant's knowledge in many subject areas.

The subject areas for the tests are the same as the required AMTS curriculum subjects listed in FAR Part 147, Appendixes B, C, and D. However, the subject area titled "Unducted Fans" (in Appendix D) is not a tested subject at this time. The terms used in FAR Part 147, Appendixes B, C, and D, are defined in FAR Part 147, Appendix A.

DESCRIPTION OF THE TESTS

All test questions are the objective, multiple-choice type with three choices of answers. Each question can be answered by the selection of a single response. Each test question is independent of other questions, that is, a correct response to one does not depend upon, or influence the correct response to another. The minimum passing grade for each test is 70 percent.

The maximum time allowed for taking each test is either 1.5 or 2 hours, and is based on previous experience and educational statistics. This amount of time is considered adequate for applicants with proper preparation and instruction.

The aviation mechanic general test contains 50 questions, and 1.5 hours is allowed to take the test.

The aviation mechanic airframe and aviation mechanic powerplant tests each contain 100 questions, and 2 hours is allowed to take each test.

Communication between individuals through the use of words is a complicated process. In addition to being an exercise in the application and use of aeronautical knowledge, a test is also an exercise in communication since it involves the use of the written language. Since the tests involve written rather than spoken words, communication between the test writer and the person being tested may become a difficult matter if care is not exercised by both parties. Consequently, considerable effort is expended to write each question in a clear, precise manner. Applicants should carefully read the information and instructions given with the tests, as well as the statements in each test item.

When taking a test, keep the following points in mind:

1. Answer each question in accordance with the latest regulations and procedures.

2 Read each question carefully before looking at the possible answers. You should clearly understand the problem before attempting to solve it.

3. After formulating an answer, determine which choice most nearly corresponds with that answer. The answer chosen should completely resolve the problem.

4. From the answers given, it may appear that there is more than one possible answer. However, there is only one answer that is correct and complete. The other answers are either incomplete, erroneous, or represent a common misconception.

5. If a certain question is difficult for you, it is best to mark it for RECALL and proceed to the next question. The recall marking procedure will be explained to you prior to starting the test. After you answer the less difficult questions, return to any questions you marked for recall and answer them. Although the computer should alert you to unanswered questions, make sure every question has an answer recorded. This procedure will enable you to use the available time to the maximum advantage.

6. When solving a calculation problem, select the answer nearest your solution. The problem has been checked by various individuals and calculators; therefore, if you have solved it correctly, your answer will be closer to the correct answer than any of the other choices.

TAKING A KNOWLEDGE TEST BY COMPUTER

You should determine what authorization requirements are necessary before contacting or going to the computer testing center. Testing center personnel cannot begin the test until you provide them with the proper authorization. You must provide authorization and present identification that includes a current photograph, your signature, and actual residential address. In the case of retesting, you must present either a passed, failed or expired, test report for that particular test. However, you should always check with the local FAA FSDO if you are not sure what kind of authorization to bring to the testing facility.

The next step is the actual registration process. Most computer testing centers require that all applicants contact a central 1-800 phone number. At this time, you should select a testing site of your choice, schedule a test date, and make financial arrangements for test payment. You may register for tests several weeks in advance of the proposed testing date. You may cancel your appointment up to 2 business days before test time, without financial penalty. After that time, you may be subject to a cancellation fee as determined by the testing center.

You are now ready to take the test. Remember, you always have an opportunity to take a sample test before your actual test begins. Your actual test is under a time limit, but if you know the material, there should be sufficient time to complete and review your test. Within moments of completing the test, you will receive an airman test report, which contains your score. It also lists those subject matter knowledge areas where questions were answered incorrectly. **The total number of subject matter knowledge codes shown on the test report is not necessarily an indication of the total number of questions answered** incorrectly. These codes refer to the specific subjects covered on each of the Aviation Mechanic Knowledge Tests (General, Airframe, and Powerplant). To determine the subject area in which a particular question was incorrectly answered, compare the subject matter code(s) on the airman test report, to the General, Airframe, or Powerplant subject matter outlines in appendix 1 of this guide. You can study the subject matter reference material to improve your understanding of the subject matter. The examiner may quiz you on these areas of deficiency during the practical test.

The airman test report, which must show the computer testing company's embossed seal, is an important document. **DO NOT LOSE THE AIRMAN TEST REPORT** as you will need to present it to the examiner prior to taking the practical test. Loss of this report means that you will have to request a duplicate from the FAA in Oklahoma City. This will be costly and time consuming.

CHEATING OR OTHER UNAUTHORIZED CONDUCT

Computer testing centers are required to follow rigid testing procedures established by the FAA. This includes test security. When entering the testing area, you are permitted to take only scratch paper furnished by the test administrator and an authorized calculator, approved for use in accordance with FAA Order 8080.6, Conduct of Airmen Knowledge Testing via the Computer Medium, and AC 60-11, Aids Authorized for Use by Airman Written Test Applicants. The FAA has directed testing centers to stop a test any time a test administrator suspects a cheating incident has occurred. An FAA investigation will then follow. If the investigation determines that cheating or other unauthorized conduct has occurred, any airman certificate that you hold may be revoked, and you may not be allowed to take a test for 1 year.

RETESTING PROCEDURES

If the score on the airman test report is 70 or above, the report is valid for 24 calendar months. You may elect to retake the test in anticipation of a better score, after 30 days from the date your last test was taken. Prior to retesting, you must give your current airman test report to the computer testing administrator. Remember, the score of the latest test you take will become the official test score. The FAA will not consider allowing anyone to retake a valid test prior to the 30-day remedial study period.

A person who fails a knowledge test may apply for retesting before 30 days of the last test providing that person presents the failed test report and an endorsement from an authorized mechanic certificate holder certifying that additional instruction has been given, and the person has been found competent to pass the test. A person may retake a failed test after 30 days without the endorsement from an authorized certificate holder.

SAMPLE TEST QUESTIONS AND ANSWERS

The questions in this section are similar to some of those contained in FAA tests for mechanics. The subjects covered here represent a sampling of the subjects covered on the actual tests.

AVIATION MECHANIC GENERAL

1. If the cross sectional area of a given conductor is increased to four times its original value, and the length and temperature remain constant, the resistance of the conductor will be

A-one-fourth its original value.
B-four times its original value.
C-found by multiplying the original resistance by the percentage increase in cross-sectional area.

Answer A-Subject Matter Code: A02; (Reference - AC 65-9A). One of the factors affecting the resistance of a conductor is cross-sectional area. Resistance varies inversely with the cross-sectional area of a conductor. If the cross-sectional area of a conductor is doubled, the resistance to current flow will be reduced by half (all other factors remaining unchanged).

2. When making a forward weight and balance check to determine that the center of gravity (cg) will not exceed the forward limit during extreme conditions, the items of useful load which should be computed at their minimum weights are those located aft of the

A-forward cg limit.
B-rearward cg limit.
C-empty weight cg.

Answer A-Subject Matter Code: C02; (Reference - AC 65-9A). When making a forward weight and balance check, part of the information needed is the minimum weights of the items of useful load that are located aft of the forward cg limit.

3. What must a certificated mechanic with both airframe and powerplant ratings do prior to returning to service an aircraft on which he or she has performed and approved a 100-hour inspection?

A-Present his/her work and records to a mechanic holding an Inspection Authorization for final approval and release.
B-Make the proper entries in the appropriate aircraft maintenance record.
C-Notify the local FAA FSDO in writing of his/her intention to return the aircraft to service.

Answer B-Subject Matter Code: I02; (Reference - FAR Section 43.11(a)). The person approving for return to service an aircraft after any inspection shall make an entry in the maintenance record containing the required information.

AVIATION MECHANIC AIRFRAME

1. Which of the following drill bit types work best when drilling an aramid fiber (Kevlar) composite laminate?

A-Tool steel with standard grind.
B-Diamond dust coated.
C-Carbide W-Point.

Answer C-Subject Matter Code: D03; (Reference - AMR). Standard tool steels dull rapidly when drilling or trimming composite materials. If diamond-dust coated drills are used, the fibers will grab at the drill bit and pull the diamond from the base metal or fill voids in the dust pattern with material. The W-Point carbide drill design lasts longer and helps solve fuzz, delamination, and bum problems when drilling.

2. What is the minimum edge distance allowed for aluminum alloy single lap sheet splices containing a single row of rivets as compared to a joint with multiple rows, all rivets being equal in diameter?

A-The minimum edge distance for the single row is greater than that for the multiple row.
B-The minimum edge distance for the single row is less than that for the multiple row.
C-The minimum edge distance for the single row is equal to that for the multiple row.

Answer C-Subject Matter Code: D06; (Reference - AC 43.13-1A). The minimum edge distance is to be not less than two times the diameter of the rivets used for both single and multiple row single lap sheet splices.

3. **What is commonly used to connect an emergency source of power, and at the same time disconnect the normal hydraulic source from critical parts of a landing gear or wheel braking system for operation (usually when the normal source system fails)?**

A--Selector valve.
B-Shuttle valve.
C-Sequence valve.

Answer B-Subject Matter Code: K01; (Reference - AMR). The function of a shuttle valve is to provide a means of disconnecting a normal source of hydraulic (or pneumatic) power and connecting an emergency source of power (hydraulic or pneumatic) to operate the critical parts of a system.

AVIATION MECHANIC POWERPLANT

1. If an unsupercharged reciprocating engine equipped with a constant speed propeller is operated at part throttle and at cruising rpm, a reduction in rpm with no change in throttle setting will result in

A-no change in manifold pressure.
B-an increase in manifold pressure.
C-a decrease in manifold pressure.

Answer B-Subject Matter Code: A03; (Reference - EA-ITP-P2). A reduction in rpm setting (propeller pitch increase) on an unsupercharged reciprocating engine equipped with a constant speed propeller, with no change in throttle setting, will cause an increase in manifold pressure. In this case, the decrease in rpm is caused by a higher load being placed on the engine rather than a reduction in fuel flow into the engine.

2. What are the two main sections of a turbine engine for inspection purposes?

A-Hot and cold.
B-Combustion and exhaust.
C--Compressor and turbine.

Answer A-Subject Matter Code: B02; (Reference - EA-ITP-P2). For inspection purposes, the two main sections of a turbine engine are hot and cold. The cold section includes the compressor back through the diffuser. The hot section includes the combustor and turbine.

3. Aluminum propeller blade failure at the site of an unrepaired nick or scratch is usually the result of

A-material defect.
B-intergranular corrosion.
C-stress concentration.

Answer C-Subject Matter Code: R07; (Reference - AP). Even a small defect such as a nick or scratch causes a concentration of stresses that may develop into a crack. The crack in turn results in even greater stress concentration. The resulting growth of the crack will almost inevitably result in blade failure.

APPENDIX 1

LIST OF REFERENCE MATERIALS AND SUBJECT MATTER KNOWLEDGE CODES

The publications listed in the following pages contain study material you need to be familiar with when preparing for aviation mechanic knowledge tests. All of these publications can be purchased through U.S. Government bookstores, commercial aviation supply houses, or industry organizations. The latest revision of the listed references should be requested. Additional study material is also available through these sources that may be helpful in preparing for aviation mechanic knowledge tests. All publications listed would be excellent for a mechanic to have in a personal reference library.

The following abbreviations are used to identify the reference(s) associated with the subject matter.

AVIATION MECHANIC GENERAL

ABBREVIATIONS AND REFERENCES

AMT-G Aviation Maintenance Technician Series General - Aviation Supplies and Academics (ASA), Inc.

ABS Aircraft Basic Science - Glencoe Division, Macmillan/McGraw-Hill Publication Company

AP Aircraft Powerplants - Glencoe Division, Macmillan/McGraw-Hill Publication Company

AEE Aircraft Electricity and Electronics - Glencoe Division, Macmillan/McGraw-Hill Publication Company

AC Advisory Circular - Federal Aviation Administration (FAA), Government Printing Office (GPO)

AIM Airman's Information Manual - FAA, GPO

FAR Federal Aviation Regulations - FAA, GPO

MBM Marathon Battery Instruction Manual

EA-192-1 Electronic Circuit Devices - International Aviation Publishers, (IAP) Inc.

EA-AB-1 Aircraft Batteries, Lead Acid/Nickel-Cadmium - IAP, Inc.

EA-ATD-2 . Aircraft Technical Dictionary - IAP, Inc.

EA-ITP-G2 A & P Technician General Textbook - IAP, Inc.

EA-ITP-P2 A & P Technician Powerplant Textbook - IAP, Inc.

EA-MAT Advanced Mathematics - IAP, Inc.

Basic Electricity-AC 65-9A, AC 43.13-1A, AMT-G, AEE, MBM, EA-192-1, EA-AB-1, EA-ITP-G2

A01 Calculate and measure capacitance and inductance

A02 Calculate and measure electrical power

A03 Measure voltage, current, resistance, and continuity

A04 Determine the relationship of voltage, current, and resistance in electrical circuits

A05 Read and interpret electrical circuit diagrams, including solid state devices and logic functions

A06 Inspect and service batteries

Aircraft Drawings-AC 65-9A, AC 43.13-1A, AC 65-15A, ABS, EA-ITP-G2

B01 Use drawings, symbols, and system schematics

B02 Draw sketches of repairs and alterations

B03 Use blueprint information

B04 Use graphs and charts

Weight and Balance-AC 65-9A, AC 43.13-1A, FAR 23.29

C01 Weigh aircraft

C02 Perform complete weight-and-balance check and record data

Fluid Lines and Fittings-AC 65-9A, AC 43.13-1A, ABS, EA-ITP-G2

D01 Fabricate and install rigid and flexible fluid lines and fittings

Materials and Processes--AC 65-9A, AC 43-3, AC 65-15A, AC 43.13-1A, ABS, AP, EA-ATD-2, EA-ITP-P2, EA-ITP-G2

E01 Identify and select appropriate nondestructive testing methods
E02 Perform dye penetrant, eddy current, ultrasonic, and magnetic particle inspections
E03 Perform basic heat-treating processes
E04 Identify and select aircraft hardware and materials
E05 Inspect and check welds
E06 Perform precision measurements

Ground Operation and Servicing-AC 65-9A, AC 61-21A, AC 65-12A, AIM, ABS, EA-ITP-G2

F01 Start, ground operate, move, service, and secure aircraft and identify typical ground operation hazards
F02 Identify and select fuels

Cleaning and Corrosion Control-AC 65-9A, AC 65-12A, AC 43.13-1A, AC 43-4A, EA-ITP-G2

G01 Identify and select cleaning materials
G02 Inspect, identify, remove, and treat aircraft corrosion and perform aircraft cleaning

Mathematics-AC 65-9A, AC 65-12A, ABS, EA-MAT, EA-ITP-G2

H01 Extract roots and raise numbers to a given power
H02 Determine areas and volumes of various geometrical shapes
H03 Solve ratio, proportion, and percentage problems
H04 Perform algebraic operations involving addition, subtraction, multiplication, and division of positive and negative numbers

Maintenance Forms and Records-AC 65-9A, AC 65-19E, AC 43.13-1A, FAR 91.417, FAR 43

I01 Write descriptions of work performed including aircraft discrepancies and corrective actions using typical aircraft maintenance records
I02 Complete required maintenance forms, records, and inspection reports

Basic Physics-AC 65-9A, AC 61-21A, ABS, EA-ITP-G2

J01 Use and understand the principles of simple machines; sound, fluid, and heat dynamics; basic aerodynamics; aircraft structures; and theory of flight

Maintenance Publications-AC 65-9A, AC 65-19E, FAR 21, FAR 39, FAR 43, ABS, EA-ITP-G2

K01 Demonstrate ability to read, comprehend, and apply information contained in FAA and manufacturer's aircraft maintenance specifications, data sheets, manuals, publications, and related Federal Aviation Regulations, Airworthiness Directives, and Advisory material
K02 Read technical data

Mechanic Privileges and Limitations-AC 43.13-1A, FAR 43, FAR 65

L01 Exercise mechanic privileges within the limitations prescribed by FAR Part 65

AVIATION MECHANIC GENERAL EXAMINATION QUESTION REFERENCES

A01:
1. AC 65-9A
2. AEE
3. EA-ITP-G2
4. AC 65-9A
5. AC 65-9A
6. AEE
7. AEE
8. AC 65-9A
9. AEE
10. AC 65-9A
11. AEE
12. EA-ITP-G2
13. EA-ITP-G2
14. AEE

A02:
15. AC 65-9A
16. AC 65-9A
17. AEE
18. AC 65-9A
19. AC 65-9A
20. AC 65-9A
21. AC 65-9A
22. AC 65-9A
23. AC 65-9A
24. AC 65-9A

A03:
25. AC 65-9A
26. AC 65-9A
27. AC 65-9A
28. AC 65-9A
29. AC 65-9A
30. AC 65-9A
31. AEE
32. AC 65-9A
33. AC 65-9A
34. AC 65-9A

A04:
35. EA-ITP-G2
36. AEE
37. AEE
38. AEE
39. AC 65-9A
40. AC 65-9A
41. AC 65-9A
42. AC 65-9A
43. AC 65-9A
44. AC 65-9A
45. AC 65-9A
46. AC 65-9A
47. AC 65-9A
48. AC 65-9A
49. AC 65-9A
50. AC 65-9A
51. AC 65-9A
52. AC 65-9A
53. AC 65-9A
54. AC 65-9A
55. AC 43.13-1A

A05:
56. AC 65-9A
57. AC 65-9A
58. AC 65-9A
59. AC 65-9A
60. AC 65-9A
61. AC 65-9A
62. AC 65-9A
63. AC 65-9A
64. AC 65-9A
65. AC 65-9A
66. AC 65-9A
67. AC 65-9A
68. AC 65-9A
69. AC 65-9A
70. AC 65-9A
71. AC 65-9A
72. AC 65-9A
73. AC 65-9A
74. AC 65-9A
75. EA-192-1
76. EA-192-1
77. EA-192-1
78. EA-192-1
79. EA-192-1
80. EA-192-1
81. EA-192-1
82. AEE
83. AEE
84. AEE

A06:
85. AC 65-9A
86. EA-ITP-G2
87. AC 43.13-1A
88. EA-ITP-G2
89. EA-ITP-G2
90. AMT-G
91. MBM
92. AC 65-9A
93. AC 65-9A
94. EA-ITP-G2
95. EA-ITP-G2
96. AC 65-9A
97. MBM
98. MBM
99. EA-ITP-G2
100. AC 65-9A
101. EA-AB-1
102. EA-ITP-G2

B01:
103. AC 65-9A
104. AC 65-9A
105. AC 65-9A
106. AC 65-9A
107. AC 65-9A
108. AC 65-9A
109. AC 65-9A
110. AC 65-9A
111. AC 65-9A
112. AC 65-9A

B02:
113. AC 65-9A
114. AC 65-9A
115. AC 65-9A
116. AC 65-9A
117. AC 65-9A
118. AC 65-9A
119. AC 65-9A
120. AC 65-9A
121. ABS
122. AC 65-9A

B03:
123. AC 65-9A
124. AC 65-9A
125. AC 65-9A
126. AC 65-9A
127. AC 65-9A
128. AC 65-9A
129. AC 65-9A
130. AC 65-9A
131. AC 65-9A
132. AC 65-9A
133. AC 65-9A
134. AC 65-9A
135. EA-ITP-G2
136. EA-ITP-G2
137. EA-ITP-G2
138. EA-ITP-G2
139. EA-ITP-G2
140. EA-ITP-G2
141. ABS

B04:
142. AC 65-9A
143. AC 65-9A
144. AC 65-9A
145. AC 43.13-1A
146. AC 65-9A
147. AC 43.13-1A
148. AC 43.13-1A
149. AC 65-15A
150. AC 65-15A
151. AC 65-9A
152. AC 65-9A

C01:
153. AC 65-9A
154. AC 65-9A
155. AC 65-9A
156. AC 65-9A
157. AC 65-9A
158. AC 65-9A
159. AC 65-9A
160. AC 65-9A
161. AC 65-9A
162. AC 65-9A
163. AC 65-9A
164. AC 65-9A
165. AC 65-9A
166. AC 65-9A
167. AC 65-9A
168. AC 65-9A
169. AC 65-9A

C02:
170. AC 43.13-1A
171. FAR 23.29
172. AC 65-9A
173. AC 65-9A
174. AC 65-9A
175. AC 65-9A
176. FAR 23.29
177. AC 65-9A
178. AC 65-9A
179. AC 65-9A
180. AC 65-9A
181. AC 65-9A
182. AC 65-9A
183. AC 65-9A
184. AC 65-9A
185. AC 43.13-1A
186. AC 43.13-1A
187. AC 65-9A
188. AC 65-9A
189. AC 65-9A
190. AC 43.13-1A
191. AC 65-9A

D01:
192. AC 65-9A
193. AC 65-9A
194. AC 65-9A
195. ABS
196. AC 65-9A
197. AC 65-9A
198. AC 65-9A
199. AC 65-9A

200. AC 65-9A
201. AC 65-9A
202. AC 43.13-1A
203. AC 43.13-1A
204. AC 65-9A
205. AC 65-9A
206. AC 65-9A
207. AC 65-9A
208. AC 65-9A
209. AC 65-9A
210. AC 65-9A
211. EA-ITP-G2
212. AC 65-9A
213. AC 65-9A
214. AC 65-9A
215. AC 65-9A
216. AC 65-9A
217. AC 65-9A
218. AC 65-9A

E01:

219. AC 65-9A
220. AC 65-9A
221. AC 43-3
222. AC 43-3
223. AC 65-9A
224. AC 65-9A
225. EA-ITP-G2
226. AC 65-9A
227. AC 65-15A

E02:

228. AC 65-9A
229. AC 65-9A
230. EA-ITP-G2
231. AC 65-9A
232. AC 65-9A
233. AC 65-9A
234. AC 65-9A
235. AC 65-9A
236. AC 65-9A
237. AC 65-9A
238. AC 65-9A
239. AC 43.13-1A
240. AC 65-9A
241. AC 65-9A
242. AC 65-9A
243. AC 65-9A
244. AC 65-9A

E03:

245. AC 65-9A
246. ABS
247. AC 65-9A
248. AC 65-9A
249. ABS
250. ABS
251. AC 65-9A
252. AC 65-9A
253. ABS
254. AC 65-9A
255. AC 65-9A

E04:

256. AC 65-9A
257. AC 65-15A
258. AC 65-9A
259. AC 65-9A
260. AC 43.13-1A
261. AC 65-9A
262. AC 43.13-1A
263. AC 65-9A
264. AC 43.13-1A
265. AC 43.13-1A
266. AC 43.13-1A
267. AC 65-9A
268. AC 43.13-1A
269. AC 65-9A
270. AC 65-9A
271. AC 65-9A
272. AC 43.13-1A
273. AC 65-9A
274. AC 65-9A
275. AC 65-9A
276. AC 65-9A
277. AC 65-9A

E05:

278. AC 65-9A
279. AC 65-9A
280. AC 65-15A
281. AC 43.13-1A
282. AC 65-15A
283. AC 65-15A
284. AC 43.13-1A
285. AC 65-15A
286. AC 65-15A
287. AC 65-15A
288. AC 65-9A

E06:

289. EA-ATD-2 & AP
290. AC 65-9A
291. AC 65-9A
292. AC 65-9A
293. AC 65-9A
294. AC 65-9A
295. AC 65-9A
296. AC 65-9A
297. AC 65-9A
298. AC 65-9A
299. AC 65-9A
300. EA-ITP-G2
301. AP
302. AP
303. AP
304. AP
305. AP
306. EA-ITP-G2
307. AP

F01:

308. AC 65-9A
309. AC 65-9A
310. AC 65-9A
311. EA-ITP-G2
312. AC 65-9A
313. AC 65-9A
314. AC 65-9A
315. AC 65-9A
316. AC 65-9A
317. ABS & EA-ITP-G2
318. AC 65-9A
319. EA-ITP-G2
320. EA-ITP-G2
321. AC 65-9A
322. AC 65-9A
323. AC 65-9A
324. AC 65-9A
325. AC 65-9A
326. ABS
327. AC 61-21A
328. AC 61-21A
329. ABS & AIM
330. EA-ITP-G2
331. ABS & AIM
332. ABS & AIM
333. AC 61-21A
334. AC 61-21A & AIM

F02:

335. EA-ITP-G2
336. AC 65-9A
337. AC 65-9A
338. AC 65-9A
339. AC 65-9A
340. AC 65-9A
341. AC 65-9A
342. AC 65-9A
343. AC 65-9A
344. AC 65-9A
345. AC 65-9A
346. AC 65-9A

G01:

347. AC 65-12A
348. AC 65-12A
349. AC 65-9A
350. AC 65-9A
351. AC 65-9A
352. AC 65-9A
353. AC 65-9A
354. AC 65-9A
355. AC 65-9A

G02:

356. EA-ITP-G2
357. AC 43-4A
358. AC 65-9A
359. AC 43-4A
360. AC 65-9A
361. AC 65-9A
362. AC 65-9A
363. AC 65-9A
364. AC 65-9A
365. AC 43.13-1A
366. AC 65-9A
367. AC 65-12A
368. AC 65-9A
369. AC 65-9A
370. AC 65-9A
371. AC 65-9A
372. EA-ITP-G2 & AC 43-4A
373. AC 43.13-1A
374. EA-ITP-G2 & AC 43-4A
375. AC 43-4A
376. AC 43-4A
377. EA-ITP-G2
378. AC 43-4A

H01:

379. AC 65-9A
380. AC 65-9A
381. EA-MAT
382. AC 65-9A
383. AC 65-9A
384. ABS
385. AC 65-9A
386. AC 65-9A
387. AC 65-9A
388. AC 65-9A
389. AC 65-9A
390. AC 65-9A
391. AC 65-9A
392. AC 65-9A
393. AC 65-9A

H02:

394. AC 65-12A
395. AC 65-9A
396. AC 65-9A
397. AC 65-9A
398. AC 65-9A
399. AC 65-9A
400. AC 65-9A
401. AC 65-9A
402. AC 65-9A
403. AC 65-9A
404. AC 65-9A
405. AC 65-9A
406. AC 65-9A
407. AC 65-9A
408. AC 65-12A

H03:

409. AC 65-9A
410. EA-ITP-G2
411. AC 65-12A
412. AC 65-9A
413. AC 65-9A

414. AC 65-9A
415. AC 65-9A
416. AC 65-9A
417. AC 65-9A
418. AC 65-9A
419. AC 65-9A
420. AC 65-9A
421. AC 65-9A
422. AC 65-9A
423. AC 65-9A
424. AC 65-9A
425. AC 65-9A
426. AC 65-9A
427. AC 65-9A
428. AC 65-9A
429. AC 65-9A
430. AC 65-9A
431. AC 65-9A

H04:

432. AC 65-9A
433. AC 65-9A
434. AC 65-9A
435. AC 65-9A
436. AC 65-9A
437. AC 65-9A
438. AC 65-9A
439. AC 65-9A
440. AC 65-9A
441. AC 65-9A
442. AC 65-9A

I01:

443. AC 65-9A
444. FAR 43.9
445. FAR 43.11
446. AC 65-9A
447. FAR 43 APP A
448. AC 65-19E
449. FAR 43
450. AC 65-9A
451. AC 43.13-1A
452. AC 43.13-1A
453. AC 43.13-1A

I02:

454. FAR 43.11
455. FAR 43.3(b)
456. FAR 43.9
457. AC 65-9A
458. FAR 43
459. FAR 91.417
460. FAR 43.11
461. FAR 43.15(c)
462. FAR 43
463. FAR 43.9
464. FAR 43.7

J01:

465. AC 65-9A
466. AC 65-9A
467. AC 65-9A
468. AC 65-9A
469. AC 65-9A
470. AC 65-9A
471. AC 65-9A
472. EA-ITP-G2
473. AC 65-9A
474. ABS
475. AC 65-9A
476. AC 65-9A
477. AC 65-9A
478. AC 65-9A
479. AC 65-9A
480. AC 65-9A
481. AC 65-9A
482. EA-ITP-G2
483. AC 65-9A
484. AC 65-9A
485. AC 65-9A
486. AC 61-21A
487. AC 61-21A
488. AC 61-21A
489. AC 61-21A
490. AC 61-21A
491. AC 61-21A

K01:

492. FAR 39
493. FAR 21
494. FAR 39
495. AC 65-9A
496. EA-ITP-G2
497. FAR 21.179
498. FAR 21
499. FAR 21
500. EA-ITP-G2
501. EA-ITP-G2
502. FAR 43.11(b)
503. EA-ITP-G2
504. FAR 43.13
505. FAR 23.1543
506. FAR 39.1
507. AC 65-19E
508. AC 65-19E
509. AC 65-19E
510. AC 65-9A
511. ABS
512. ABS
513. ABS
514. FAR 43 APP A

K02:

515. FAR 39
516. FAR 23.1545
517. FAR 43.13
518. FAR 43.13

L01:

519. FAR 65.7
520. FAR 43
521. FAR 43
522. FAR 43
523. FAR 65.7
524. FAR 65.1
525. FAR 65.1
526. FAR 65.1(a)
527. FAR 43 APP A
528. FAR 65.1
529. FAR 65.7
530. FAR 65
531. FAR 65.3
532. FAR 65.1
533. FAR 43.13(6)
534. AC 43.13-1A
535. FAR 43
536. FAR 65.7
537. AC 43.13-1A

AVIATION MECHANIC AIRFRAME

ABBREVIATIONS AND REFERENCES

AC	Advisory Circular
AEE	Aircraft Electricity and Electronics - Glencoe Division, Macmillan/McGraw-Hill Publication Company
AMR	Aircraft Maintenance and Repair - Glencoe Division, Macmillan/McGraw-Hill Publishing Company
AP	Aircraft Powerplants - Glencoe Division, Macmillan/McGraw-Hill Publishing Company
DAT	Dictionary of Aeronautical Terms - Aviation Supplies and Academics (ASA) Publications
EA-AAC-1	Aircraft Air-conditioning (Vapor Cycle) - International Aviation Publishers (IAP), Inc.
EA-FMS	Aircraft Fuel Metering Systems - IAP, Inc
EA-AH-1	Aircraft Hydraulic System - IAP, Inc.
EA-AIS	Aircraft Instrument Systems - IAP, Inc.
EA-AOS-1	Aircraft Oxygen System - Aviation Maintenance Publishers (AMP) 1975
EA-ITP-A2	A & P Technician Airframe Textbook - IAP, Inc.
EA-ITP-G2	A & P Technician General Textbook - IAP, Inc.
EA-NMR	Aircraft Bonded Structure - IAP, Inc.
EA-WB-1	Welding Guidelines with Aircraft Supplement - IAP, Inc.
EA-356	Aircraft Radio Systems - IAP, Inc.
EA-358	Advanced Composites - IAP, Inc.
FAR	Federal Aviation Regulations
MBM	Marathon Battery Manual
MMM	Manufacturer's Maintenance Manual
TSO	Technical Standard Order

Wood Structures-AC 65-15A, AC 43.13-1A, AMR

A01	Service and repair wood structures
A02	Identify wood defects
A03	Inspect wood structures

Aircraft Covering — AC 65-15A, AC 43.13-1A, AMR

B01	Select and apply fabric and fiberglass covering materials
B02	Inspect, test, and repair fabric and fiberglass

Aircraft Finishes-AC 65-15A, AC 43.13-1A, AMR, DAT, EA-ITP-A2

C01	Apply trim, letters, and touchup paint
C02	Identify and select aircraft finishing materials
C03	Apply finishing materials
C04	Inspect finishes and identify defects

Sheet Metal and Non-Metallic Structures-AC 65-9A, AC 65-15A, AC 43.13-1A, FAR 23, TSO, AMR, EA-358, EA-NMR, EA-ITP-G2, EA-ITP-A2

D01	Select, install, and remove special fasteners for metallic, bonded, and composite structures
D02	Inspect bonded structures
D03	Inspect, test, and repair fiberglass, plastics, honeycomb, composite, and laminated primary and secondary structures
D04	Inspect, check, service, and repair windows, doors, and interior furnishings
D05	Inspect and repair sheet-metal structures
D06	Install conventional rivets
D07	Form, lay out, and bend sheet metal

Welding-AC 65-15A, AC 43.13-1A, AMR, EA-WB-1, EA-ITP-A2

E01	Weld magnesium and titanium
E02	Solder stainless steel
E03	Fabricate tubular structures
E04	Solder, braze, gas-, and arc-weld steel
E05	Weld aluminum and stainless steel

Assembly and Rigging-AC 65-9A, AC 65-15A, AC 61-13B, AC 43.13-1A &2A, FAR 23, AMR, EA-ITP-A2

F01 Rig rotary-wing aircraft
F02 Rig fixed-wing aircraft
F03 Check alignment of structures
F04 Assemble aircraft components, including flight control surfaces
F05 Balance, rig, and inspect movable primary and secondary flight control surfaces
F06 Jack aircraft

Airframe Inspection-AC 65-9A, FAR 43, FAR 65, FAR 91

G01 Perform airframe conformity and airworthiness inspections
HXX Reserved
IXX Reserved
JXX Reserved

Aircraft Landing Gear Systems-AC 65-9A, AC 65-15A, AC 43.13-1A, FAR 43, AMR, EA-AH-1, EA-ITP-A2

K01 Inspect, check, service, and repair landing gear, retraction systems, shock struts, brakes, wheels, tires, and steering systems

Hydraulic and Pneumatic Power Systems-AC 65-9A, AC 65-15A, AC 43.13-1A, AMR, EA-AH-1, EA-ITP-A2

L01 Repair hydraulic and pneumatic power system components
L02 Identify and select hydraulic fluids
L03 Inspect, check, service, troubleshoot, and repair hydraulic and pneumatic power systems

Cabin Atmosphere Control Systems-AC 65-15A, AC 43.13-1A, AMR, EA-AAC-1, EA-ITP-A2

M01 Inspect, check, service, troubleshoot, and repair heating, cooling, air-conditioning, pressurization, and air cycle machines
M02 Inspect, check, troubleshoot, service, and repair oxygen systems

Aircraft Instrument Systems-AC 65-9A, AC 65-15A, FAR 23, FAR 65, FAR 91, AEE, AMR, DAT, EA-AIS, EA-ITP-A2

N01 Inspect, check, service, troubleshoot, and repair electronic flight instrument systems and both mechanical and electrical heading, speed, altitude, temperature, pressure, and position indicating systems to include the use of built-in test equipment
N02 Install instruments and perform a static pressure system leak test

Communication and Navigation Systems-AC 65-15A, AC 91-44A, AC 43.13-2A, AEE, AP, EA-356, EA-ITP-A2

O01 Inspect, check, and troubleshoot autopilot, servos and approach coupling systems
O02 Inspect, check, and service aircraft electronic communication and navigation systems, including VHF, passenger address interphones and static discharge devices, aircraft VOR, ILS, LORAN, radar beacon transponders, flight management computers, and GPWS
O03 Inspect and repair antenna and electronic equipment installations

Aircraft Fuel Systems-AC 65-9A, AC 65-12A, AC 65-15A, AC 43.13-1A &.2A, FAR 23, FAR 25, AMR, MMM, EA-FMS, EA-ITP-G2, EA-MP-A2

P01 Check and service fuel dump systems
P02 Perform fuel management, transfer, and defueling
P03 Inspect, check, and repair pressure fueling systems
P04 Repair aircraft fuel system components
P05 Inspect and repair fluid quantity indicating systems
P06 Troubleshoot, service, and repair fluid pressure and temperature warning systems
P07 Inspect, check, service, troubleshoot, and repair aircraft fuel systems

Aircraft Electrical Systems-AC 65-09A, AC 65-15A, AC 43.13-1A & 2A, FAR 23, AEE, MBM, EA-ITP-G2, EA-ITP-A2

Q01 Repair and inspect aircraft electrical system components; crimp and splice wiring to manufacturer's specifications; and repair pins and sockets of aircraft connectors

Q02 Install, check, and service airframe electrical wiring, controls, switches, indicators, and protective devices

Q03 Inspect, check, troubleshoot, service, and repair alternating and direct current electrical systems

Q04 Inspect, check, and troubleshoot constant speed and integrated speed drive generators

Position and Warning Systems-AC 65-09A, AC 65-15A, AC 43.13-1A, FAR 23, AMR, EA-ABS, EA-ITP-A2

R01 Inspect, check, and service speed and configuration warning systems, electrical brake controls, and antiskid systems

R02 Inspect, check, troubleshoot, and service landing gear position indicating and warning systems

Ice and Rain Control Systems-AC 65-15A, AC 43.13-1A

S01 Inspect, check, troubleshoot, service, and repair airframe ice and rain control systems

Fire Protection Systems-AC 65-09A, AC 65-15A, AP, EA-ITP-A2

T01 Inspect, check, and service smoke and carbon monoxide detection systems

T02 Inspect, check, service, troubleshoot, and repair aircraft fire detection and extinguishing systems

AVIATION MECHANIC AIRFRAME EXAMINATION QUESTION REFERENCES

A01-A03:
1. AMR
2. AC 43.13-1A
3. AC 43.13-1A
4. AC 43.13-1A
5. AC 43.13-1A
6. AC 43.13-1A
7. AC 43.13-1A
8. AC 65-15A
9. AC 43.13-1A
10. AC 65-15A
11. AC 65-15A
12. AC 65-15A
13. AMR
14. AC 43.13-1A

B01-B02:
15. AC 43.13-1A
16. AC 65-15A
17. AC 43.13-1A
18. AC 43.13-1A
19. AC 65-15A
20. AC 65-15A
21. AMR
22. AMR
23. AC 65-15A
24. AC 43.13-1A
25. AC 43.13-1A

C01-C04:
26. AMR
27. EA-ITP-A2
28. DAT
29. AMR
30. EA-ITP-A2
31. AMR
32. AC 65-15A
33. EA-ITP-A2
34. EA-ITP-A2
35. AC 43.13-1A
36. AC 65-15A
37. EA-ITP-A2
38. AC 65-15A
39. AMR
40. AC 65-15A

D01:
41. AC 65-15A
42. EA-ITP-A2
43. AC 65-9A
44. AC 65-15A
45. AC 65-15A
46. EA-ITP-A2
47. AC 65-9A
48. AC 65-9A
49. AC 65-9A
50. EA-ITP-A2
51. AMR
52. EA-ITP-A2
53. EA-ITP-A2

D02:
54. AC 65-15A
55. AMR
56. AMR
57. EA-NMR
58. EA-NMR
59. EA-ITP-A2
60. AMR
61. EA-NMR
62. EA-NMR
63. AMR
64. AC 43.13-1A

D03:
65. EA-ITP-A2
66. EA-ITP-A2
67. EA-ITP-A2
68. AC 65-15A
69. AC 43.13-1A
70. EA-ITP-A2
71. AC 65-15A
72. EA-ITP-A2
73. EA-ITP-A2
74. EA-ITP-A2
75. EA-ITP-A2
76. EA-ITP-A2
77. EA-ITP-A2
78. EA-NMR
79. EA-NMR
80. EA-358
81. AC 43.13-1A
82. AC 43.13-1A
83. AC 43.13-1A
84. EA-358
85. EA-ITP-A2
86. EA-ITP-A2
87. EA-ITP-A2
88. EA-ITP-A2
89. EA-ITP-A2

D04:
90. AC 65-15A
91. AC 43.13-1A
92. TSO
93. AC 65-15A
94. AC 65-15A
95. AC 65-15A
96. FAR 23.853
97. AC 65-15A
98. AC 65-15A

D05:
99. AC 65-15A
100. AC 65-9A & EA-ITP-G2
101. AC 43.13-1A
102. AC 65-15A
103. AC 65-15A
104. AC 65-9A
105. AC 65-15A
106. AC 65-15A
107. AC 65-15A
108. AC 43.13-1A
109. AC 65-15A
110. AC 65-15A
111. AC 43.13-1A
112. AC 65-9A
113. AC 65-15A
114. AC 65-15A
115. AC 65-9A
116. AC 43.13-1A
117. AMR
118. AC 65-9A
119. AC 65-15A
120. AMR
121. AC 65-15A
122. AC 65-9A
123. AC 65-15A
124. AC 65-15A
125. AC 65-15A
126. AMR
127. AC 65-15A
128. AC 65-15A

D06: EA-ITP-G2
130. AC 65-9A
131. AC 65-9A
132. AC 43.13-1A
133. AMR
134. AC 65-9A
135. AC 43.13-1A
136. EA-ITP-G2
137. AC 65-9A
138. AC 65-9A
139. AC 65-9A
140. AC 43.13-1A
141. AC 65-9A
142. AC 65-9A
143. AC 43.13-1A
144. AC 65-15A
145. AC 65-9A
146. AC 43.13-1A
147. AC 65-9A
148. AC 43.13-1A
149. AC 65-9A
150. AC 65-15A
151. AMR
152. AC 65-15A
153. AC 65-15A
154. AC 65-9A
155. AC 65-9A

D07: AC 65-15A
157. AC 65-15A
158. AC 65-15A
159. AC 65-15A
160. AC 65-15A
161. AC 65-15A
162. AC 65-15A
163. AC 65-15A
164. AC 65-15A
165. AC 65-15A
166. AC 65-15A
167. AC 65-15A
168. AC 65-15A
169. AC 65-15A
170. AC 65-9A
171. AC 65-15A
172. AC 65-15A
173. AC 65-15A
174. AC 65-15A
175. AMR
176. AC 65-15A
177. AC 65-15A
178. AC 65-9A

E01-E03:
179. EA-ITP-A2
180. AC 65-15A
181. AC 65-15A
182. AC 65-15A
183. AC 65-15A
184. AC 65-15A
185. AC 43.13-1A

E04:
186. AC 43.13-1A
187. AC 65-15A
188. AC 65-15A
189. AMR
190. AC 65-15A
191. AC 65-15A
192. AC 43.13-1A & EA-ITP-A2
193. AMR
194. AC 65-15A
195. AMR
196. AC 65-15A
197. AC 65-15A
198. AC 65-15A

E05:
199. AC 65-15A
200. AC 65-15A
201. AC 65-15A
202. AC 65-15A
203. AC 65-15A
204. AC 65-15A
205. AC 65-15A
206. AC 65-15A
207. AC 65-15A
208. AC 43.13-1A
209. AC 65-15A
210. AC 65-15A
211. AMR & EA-WB-11

F01:
212. AC 65-15A
213. AC 65-15A
214. AC 65-15A
215. AC 43.13-2A
216. AC 65-15A
217. AC 65-15A
218. AC 65-15A
219. AC 65-15A
220. AC 65-15A
221. AC 65-15A
222. AC 61-13B
223. AC 61-13B

224. AC 61-13B
225. AC 65-15A
226. AC 65-15A
F02:
227. AC 65-15A
228. AC 43.13-1A
229. EA-ITP-A2
230. AC 65-15A
231. AC 65-15A
232. AC 65-15A
233. AC 65-15A
234. AC 65-15A
235. AC 65-15A
236. AC 65-15A
237. AC 65-15A
238. AC 65-15A
239. AC 65-15A
240. AC 65-15A
241. AC 65-15A
242. AC 65-15A
243. AC 65-15A
244. AC 65-15A
245. AC 65-15A
246. AC 65-15A
247. AC 65-15A
248. AC 65-15A
249. AC 65-15A
250. AC 65-15A
F03-F04:
251. AC 65-15A
252. AC 65-15A
253. AC 65-15A
254. AC 65-15A
255. AC 65-15A
256. AC 65-15A
257. AC 43.13-1A
258. AC 43.13-1A
259. AC 43.13-1A
260. AC 43.13-1A
261. AC 43.13-1A
262. AC 65-9A
263. AC 43.13-1A
264. AC 65-15A
F05:
265. AC 65-15A
266. FAR 23.69(a)(1)
267. AC 65-15A
268. EA-ITP-A2
269. AC 65-15A
270. AC 65-15A
271. AC 43.13-1A
272. AC 43.13-1A
273. AC 43.13-1A
274. AC 65-15A
275. AC 65-9A
276. AC 65-15A
277. FAR 23.677(a)
278. AC 65-15A
279. AC 65-15A
280. AC 65-15A
281. AC 65-15A
282. AC 65-15A
283. AC 65-15A
284. AMR
285. AC 65-15A
286. AC 65-15A
287. AC 65-9A
288. AC 65-15A
289. AC 65-15A
290. AC 65-15A
F06-G01:
291. AC 65-9A
292. AC 65-9A
293. AC 65-9A
294. AC 65-9A
295. FAR 43.7
296. FAR 43
297. FAR 91.409
298. FAR 43.111
299. FAR 91.409
300. FAR 43.7(b)
301. FAR 91.409
302. FAR 65
303. FAR 91.409
304. FAR 91.409
K01:
305. AMR & AC 65-9A
306. AC 65-15A
307. AC 65-15A
308. AC 65-15A
309. AC 65-15A
310. AC 65-15A
311. AC 43.13-1A
312. AC 65-15A
313. AC 65-15A & EA-ITP-A2
314. AC 65-15A
315. AMR
316. AC 65-15A
317. AC 65-15A
318. AC 65-15A
319. AC 43.13-1A
320. AC 65-15A
321. AC 65-15A
322. AC 65-15A
323. AC 65-15A
324. EA-ITP-A2
325. AC 65-15A
326. AC 65-15A
327. AC. 43.13-1A
328. AC 65-15A
329.
330. AC 65-15/43.3 & APP A
331. AC 65-15A
332. AC 65-15A
333. AC 65-15A
334. AC 65-15A
335. AC 65-15A
336. AMR
337. AC 65-15A
338. A C 65-15A
339. AC 65-15A
340. AC 65-15A
341. AC 65-15A
342. AC 65-15A
343. AC 65-15A
344. EA-ITP-A2
345. AC 65-15A
346. AC 65-15A
347. AC 65-15A
348. AC 65-15A
349. AC 65-15A
350. AC 65-15A
351. AC 43.13-1A
352. AC 65-15A
353. AC 65-15A
354. AC 65-15A
355. AC 65-15A
356. AC 65-15A
357. AC 65-15A
358. AC 65-15A
359. AC 65-15A
360. EA-ITP-A2
361. AC 65-15A
362. AC 65-15A
363. AC 65-15A
364. AC 65-15A
365. AC 65-15A
366. AC 65-15A
367. AC 65-15A
368. AC 65-15A
369. AMR
370. AC 65-15A
371. AMR
372. AC 65-15A
373. AC 65-9A
374. EA-AHH-1
375. AC 65-15A
376. AC 65-15A
377. EA-AHH-1
378. EA-AHH-1
379. EA-AHH-1
380. EA-AHH-1
381. AMR
382. EA-ITP-A2
383. AC 65-15A
384. AC 65-9A
385. AC 65-9A
L01:
386. AC 43.13-1A
387. AC 65-9A
388. AC 65-15A
389. AC 65-15A
390. AC 65-15A
391. AC 65-15A
392. AC 65-15A
393. AC 65-15A
394. AC 65-15A
395. AC 65-15A
396. EA-ITP-A2
397. AC 65-15A
398. AC 65-15A
399. AC 65-15A
400. AC 65-15A
401. AC 65-15A
402. AC 65-9A
403. AC 65-15A
404. A C 65-9A
405. AC 65-9A
406. EA-ITP-A2
407. EA-AHH-1
408. AMR
409. AC 65-9A
410. EA-ITP-A2
L02:
411. EA-ITP-A2
412. AC 65-15A
413. AC 65-15A
414. AC 65-15A
415. AC 65-15A
416. AC 65-15A
417. EA-ITP-A2
418. AC 65-15A
419. AC 65-15A
420. AC 65-15A
421. AC 65-15A
422. AC 65-15A
423. AC 65-15A
424. AC 65-15A
425. AC 65-15A
426. AC 65-15A
427. EA-AHH-1
428. EA-AHH-1
429. EA-AHH-1
430. EA-ITP-A2
431. AC 65-15A
L03:
432. AC 65-15A
433. EA-ITP-A2
434. AMR
435. AC 65-15A
436. AC 65-15A
437. AMR
438. AC 65-15A
439. AC 65-15A
440. AMR
441. AC 65-15A
442. AC 65-15A
443. AC 65-15A
444. AC 65-15A
445. AC 65-9A
446. AC 65-9A
447. AC 65-9A
448. AMR
449. AC 65-15A
450. AC 65-15A
451. AC 65-15A
452. AC 65-15A
453. AC 65-15A
454. AMR
455. AC 65-15A
456. AC 65-15A
457. AC 65-15A
458. AC 65-15A
459. AC 65-15A
460. AC 65-15A

461. AC 65-15A
462. AC 65-15A
463. AMR
464. AC 65-15A
465. AC 65-15A
466. AC 65-15A
467. AC 65-15A
468. AC 65-15A
469. AMR
470. AC 65-15A
471. EA-ITP-A2
472. AC 65-15A
473. AC 65-15A
474. AC 65-15A
475. AMR
476. AC 65-15A
477. AC 65-15A
478. AC 65-15A
479. AC 65-15A
480. AC 65-15A
481. AC 65-9A
482. AC 65-15A
483. AC 65-15A
484. AC 65-15A
485. AC 65-15A
486. AC 65-15A
487. AC 65-15A
488. AC 65-15A
489. AC 65-15A
490. AC 65-15A
491. AC 65-15A
492. AMR
493. EA-AIH-11
494. EA-AIH-11
495. AC 43.13-1A
496. AC 65-15A
M01:
497. AC 65-15A
498. AC 65-15A
499. AC 65-15A
500. AC 65-15A
501. AC 65-15A
502. AC 65-15A
503. EA-ITP-A2
504. AC 65-15A
505. AC 65-15A
506. AC 65-15A
507. EA-AAC-11
508. EA-AAC-11
509. EA-AAC-11
510. AC 65-15A
511. EA-AAC-11
512. AC 43.13-1A
513. AC 43.13-1A
514. AC 43.13-1A
515. EA-ITP-A2
516. AC 65-15A
517. AC 65-15A
518. AC 65-15A
519. AC 65-15A
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522. AC 65-15A
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525. AC 65-15A
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528. AC 65-15A
529. AC 65-15A
530. AC 65-15A
531. AC 65-15A
532. AC 65-15A
533. AC 65-15A
534. AC 65-15A
535. AC 65-15A
536. AC 65-15A
537. AMR
538. AMR
539. AC 65-15A
540. AC 65-15A
541. AC 65-15A
542. AC 65-15A
543. AC 65-15A
544. AC 65-15A
545. AC 65-15A
546. AC 65-15A
547. AC 65-15A
548. AC 65-15A
549. AC 65-15A
550. EA-AAC-11
551. EA-AAC-11
552. EA-AAC-11
553. EA-ITP-A2
554. EA-AAC-11
555. EA-AAC-11
556. EA-AAC-11
557. EA-AAC-11
558. EA-ITP-A2
559. EA-AAC-11
560. AC 65-15A
561. EA-ITP-A2
562. EA-ITP-A2
563. EA-ITP-A2
M02:
564. AC 65-15A
565. AC 65-15A
566. AC 65-15A
567. AC 65-15A
568. AC 65-15A
569. AC 65-15A
570. AC 65-15A
571. AC 65-15A
572. AC 65-15A
573. AC 65-15A
574. AC 65-15A
575. AC 65-15A
576. AC 65-15A
577. AC 65-15A
578. AC 65-15A
579. EA-ITP-A2
580. EA-ITP-A2
581. AC 65-15A
582. EA-ITP-A2 &
EA-AOS-11
583. EA-ITP-A2
584. EA-ITP-A2
585. AC 65-15A
N01:
586. AC 65-15A
587. AC 65-15A
588. AC 65-15A
589. AC 65-15A
& FAR 23
590. AC 65-15A
591. AC 65-15A
592. FAR 23.1327
593. AC 65-15A
594. AC 65-15A
595. FAR 23.1325
596. AC 65-15A
597. AC 65-9A
598. FAR 65.11
599. FAR 65.11
600. AC 65-15A
601. DAT
602. AC 65-15A
603. AC 65-15A
604. AC 65-15A
605. AC 65-15A
606. AC 65-15A
607. AC 65-15A
608. AC 65-15A
609. AC 65-15A
610. AC 65-15A
611. AC 65-15A
612. FAR 91.411
613. AC 65-15A
614. AEE
615. AEE
616. AEE
617. EA-ITP-A2
618. AEE
619. AEE
620. AEE
621. AMR
N02:
622. AC 65-15A
623. AC 65-15A
624. AC 65-15A
625. AC 65-15A
626. FAR 23.1545
627. AC 65-15A
628. AC 65-15A
629. AC 65-15A
630. AC 65-15A
631. AC 65-15A
632. AC 65-15A
633. AC 65-15A
634. AC 65-15A
635. AC 65-15A
636. AC 65-15A
637. FAR 65.11
638. AC 65-15A
639. FAR 65.11 (a)
640. AC 65-15A
641. AC 65-15A
642. EA-AIS
643. AC 65-15A
644. EA-ITP-A2
645. EA-ITP-A2
646. EA-ITP-A2
O01:
647. AC 65-15A
648. AC 65-15A
649. AC 65-15A
650. AC 65-15A
651. AEE
652. EA-ITP-A2
653. AC 65-15A
654. AC 65-15A
655. AC 65-15A
656. AP
657. AEE
658. AEE
659. EA-ITP-A2
660. AC 65-15A
O02:
661. AC 65-15A
662. AC 43.13-2A
663. AC 65-15A
664. AC 65-15A
665. AC 65-15A
666. AC 65-15A
667. AC 65-15A
668. AC 65-15A
669. EA-ITP-A2
670. AC 91-44A
671. AC 65-15A
672. AC 65-15A
673. EA-ITP-A2
674. EA-ITP-A2
675. EA-356
676. AEE
677. AEE
678. AEE
679. AEE
O03:
680. AC 43.13-2A
681. AC 65-15A
682. AC 65-9A
683. AC 65-15A
684. AC 43.13-2A
685. AC 65-15A
686. AC 43.13-2A
687. AC 65-15A
688. AC 43.13-2A
689. AC 43.13-2A
690. AC 65-15A
691. AC 65-15A
692. AC 65-15A
693. AC 65-15A
694. AC 65-15A
695. AC 65-15A
696. AC 43.13-2A
697. AC 65-15A
P01-P03:
698. AC 65-9A

699. AMR
700. FAR 23.1001
701. AC 65-9A
702. AC 65-9A
703. EA-ITP-A2
704. EA-ITP-A2
705. MMM
706. AC 65-9A
707. AC 65-9A
708. AC 65-9A
709. AC 65-9A
710. AC 65-9A
711. AC 43.13-1A
712. AC 65-9A
713. AC 65-9A
714. AC 65-9A
715. AC 65-9A
716. AC 65-9A
717. AC 65-9A
P04:
718. AC 65-9A
719. AC 65-9A
720. AC 65-9A
721. FAR 23.965(a)(1)
722. AC 65-9A
723. AC 65-9A
724. AC 65-9A
725. AC 43.13-1A
726. AC 65-9A
727. AC 65-9A
728. EA-FMS
729. AC 43.13-1A
730. EA-ITP-A2
731. EA-FMS
732. AC 43.13-1A
733. AC 43.13-1A
734. AC 43.13-1A
735. EA-ITP-G2
736. AC 43.13-1A
P05:
737. AC 65-9A
738. AC 65-9A
739. AC 65-9A
740. AC 65-9A
741. AC 65-9A
742. AC 65-9A
743. AC 65-15A
744. AC 65-9A
745. AC 65-9A
746. AC 65-9A
747. EA-ITP-A2
748. AC 65-9A
749. AC 65-9A
750. AC 65-9A
751. AC 65-9A
752. AC 65-9A
753. AC 65-9A
754. AC 65-9A
755. EA-ITP-A2
756. FAR 23.1337
P06:
757. AC 65-9A
758. AC 65-9A
759. AC 65-9A
760. AC 65-9A
761. AC 65-9A
762. AC 65-9A
763. AC 65-9A
764. AC 65-9A
765. AC 65-9A
766. AC 65-9A
767. AC 65-9A
768. AC 65-9A
769. AC 65-12A
770. AC 65-12A
771. AC 65-12A
772. AC 65-9A
773. AC 65-9A
P07:
774. AC 65-9A
775. AC 65-9A
776. AC 65-9A
777. AC 43.13-2A
778. AC 65-9A
779. FAR 23.951(b)
780. AC 65-9A
781. FAR 25.1557
782. AC 65-9A
783. AC 65-9A
784. AC 65-9A
785. AC 65-9A
786. AC 65-9A
787. FAR 23.1557
788. AC 65-9A
789. AC 65-9A
790. AC 65-9A
791. AC 65-9A
792. AC 43.13-1A
793. AC 65-9A
794. AC 65-9A
795. AC 65-9A
796. AC 65-9A
797. AC 65-9A
798. AC 65-9A
799. AC 43.13-1A
800. AC 65-9A
801. EA-ITP-A2
802. AC 65-9A
Q01:
803. AC 65-9A
804. AEE
805. AEE
806. AC 65-9A
807. AC 65-9A
808. AC 65-9A
809. AC 65-9A
810. AC 65-9A
811. AC 65-9A
812. AC 65-9A
813. AC 65-9A
814. AC 65-9A
815. AC 65-9A
816. AC 65-9A
817. AC 65-9A
818. AC 65-9A
819. AC 65-9A
820. AEE
821. AC 65-15A
822. AC 65-9A
823. AC 65-9A
824. AC 65-9A
825. AEE
826. FAR 23.135
827. AC 65-9A
828. AC 65-9A
829. AC 65-9A
830. EA-ITP-G2
831. AEE
832. EA-ITP-G2
833. EA-ITP-G2
834. EA-ITP-G2
835. EA-ITP-G2
836. MBM
837. EA-ITP-G2
838. AC 65-9A
839. AC 65-9A
840. AC 65-9A
841. AC 65-15A
842. AC 65-15A
843. AC 43.13-1A
844. AC 43.13-1A
845. AC 43.13-1A
846. AEE
847. AEE
848. EA-ITP-A2
849. AC 65-9A
Q02:
850. AC 65-15A
851. AC 65-15A
852. AC 65-15A
853. AC 65-9A
854. AC 65-9A
855. EA-ITP-A2
856. AC 65-9A
857. AC 43.13-1A
858. AC 43.13-1A
859. AC 43.13-1A
860. AC 65-15A
861. AC 65-15A
862. AC 65-9A
863. AC 43.13-1A
864. AC 43.13-1A
865. AC 43.13-1A
866. AC 43.13-1A
867. AC 65-15A
868. AC 65-15A
869. AC 65-9A
870. AC 65-15A
871. AC 43.13-1A
872. AC 43.13-1A
873. AC 43.13-1A
874. AC 43.13-1A
875. AC 65-9A
876. AC 65-15A
877. AC 65-9A
878. AC 43.13-1A
879. AC 65-15A
880. AC 65-9A
881. AC 43.13-1A
882. AC 43.13-1A
883. AC 43.13-1A
884. AC 65-15A
885. AC 43.13-1A
886. AC 65-9A
887. AC 43.13-1A
888. AC 65-15A
889. AC 65-9A
890. AC 65-15A
891. AC 65-9A
892. AC 65-9A
Q03:
893. AC 65-9A
894. AEE
895. AC 65-9A
896. AC 65-9A
897. AEE
898. AC 65-9A
899. AC 65-9A
900. AC 43.13-2A
901. AC 65-9A
902. AC 65-9A
903. AC 65-9A
904. AC 65-9A
905. AC 65-9A
906. AC 65-9A
907. AC 43.13-1A
908. AC 65-9A
909. AEE
910. AC 65-9A
911. AC 65-9A
912. AC 65-9A
913. AC 43.13-2A
914. AC 65-9A
915. AC 65-9A
916. AC 65-9A
917. AC 65-9A
918. AC 65-9A
919. AC 65-9A
920. AC 65-9A
921. AC 65-9A
922. AC 65-9A
923. AC 65-9A
924. AC 65-9A
925. AC 65-9A
926. AC 65-15A
927. AC 65-9A
Q04:
928. AEE
929. AEE
930. AEE
931. EA-ITP-A2
932. AEE
933. EA-ITP-A2
R01:
934. AC 65-15A
935. AC 65-15A
936. AC 65-15A

937. AC 65-15A
938. AMR
939. AC 65-15A
940. FAR 23.1323
941. AC 65-15A
942. EA-ITP-A2
943. AC 65-15A
944. AC 65-15A
945. AC 65-15A
946. AC 65-15A
947. AC 65-15A
948. AMR
949. AMR
950. AMR

R02:

951. AC 65-15A
952. AC 65-15A
953. AC 65-15A
954. AC 65-15A
955. AC 65-15A
956. AC 65-15A
957. AC 43.13-1A
958. AC 65-15A
959. AC 65-15A
960. AC 65-15A
961. AC 65-15A
962. AC 65-15A
963. EA-AIS
964. EA-AIS
965. EA-AIS
966. AC 65-9A
967. AC 65-15A
968. AC 65-15A

S01:

969. AC 65-15A
970. AC 65-15A
971. AC 43.13-1A
972. AC 65-15A
973. AC 65-15A
974. AC 65-15A
975. AC 65-15A
976. AC 65-15A
977. AC 65-15A
978. AC 65-15A
979. AC 65-15A
980. AC 65-15A
981. AC 65-15A
982. AC 65-15A
983. AC 65-15A
984. AC 65-15A
985. AC 65-15A
986. AC 65-15A
987. AC 65-15A
988. AC 65-15A
989. AC 65-15A
990. AC 65-15A
991. AC 65-15A
992. AC 65-15A
993. AC 65-15A
994. AC 65-15A
995. AC 65-15A
996. AC 65-15A

T01:

997. AC 65-15A
998. AC 65-15A
999. AC 65-15A
1000. AC 65-15A
1001. AC 65-15A
1002. AC 65-15A
1003. AC 65-15A
1004. AC 65-15A
1005. AC 65-15A
1006. AC 65-9A
1007. AC 65-15A
1008. AC 65-15A
1009. AC 65-15A

T02:

1010. AC 65-15A
1011. AC 65-15A
1012. AC 65-15A
1013. AC 65-15A
1014. AC 65-15A
1015. AC 65-15A
1016. EA-ITP-A2
1017. AP
1018. AC 65-15A
1019. AC 65-15A
1020. AC 65-15A
1021. AC 65-15A
1022. AC 65-15A
1023. AC 65-15A
1024. AC 65-15A
1025. AC 65-15A
1026. AC 65-15A
1027. AC 65-15A
1028. AC 65-15A

AVIATION MECHANIC POWERPLANT

ABBREVIATIONS AND REFERENCES

ABS Aircraft Basic Science - Glencoe Division, Macmillan/McGraw-Hill Publication Company
AC Advisory Circular
AEE Aircraft Electricity and Electronics - Glencoe Division, Macmillan/McGraw-Hill Publication Company
AMR Aircraft Maintenance and Repair - Glencoe Division, Macmillan/McGraw-Hill Publication Company
AP Aircraft Powerplants - Glencoe Division, Macmillan/McGraw-Hill Publication Company
DAT Dictionary of Aeronautical Terms - Aviation Supplies & Academics (ASA), Inc.
EA-363 Transport Category Aircraft Systems - IAP, Inc.
EA-APC Aircraft Propellers and Controls - International Aviation Publishers (IAP), Inc.
EA-ATD-2 Aircraft Technical Dictionary - IAP, Inc.
EA-ITP-G2 A & P Technician General Textbook - IAP, Inc.
EA-ITP-P2 A & P Technician Powerplant Textbook - IAP, Inc.
EA-TEP-2 Aircraft Gas Turbine Power-plants - IAP, Inc.
FAR Federal Aviation Regulations

Reciprocating Engines-AC 65-9A, AC 65-12A, FAR 43, AP, EA-ITP-P2

A01 Inspect and repair a radial engine
A02 Overhaul reciprocating engine
A03 Inspect, check, service, and repair reciprocating engines and engine installations
A04 Install, troubleshoot, and remove reciprocating engines

Turbine Engines-AC 65-9A, AC 65-12A, AC 65-15A, FAR 33, AP, EA-TEP-2, EA-ITP-P2

B01 Overhaul turbine engine
B02 Inspect, check, service, and repair turbine engines and turbine engine installations
B03 Install, troubleshoot, and remove turbine engines

Engine Inspection-AC 65-9A, AC 65-12A, AC 39-7B, AC 43.13-1A, FAR 23, FAR 33, FAR 43, FAR 65, ABS, AP, EA-ITP-G2, EA-ITP-P2

C01 Perform powerplant conformity and airworthiness inspections
DXX Reserved
EXX Reserved
FXX Reserved
GXX Reserved

Engine Instrument Systems-AC 65-12A, AC 65-15A, AC 20-88A, FAR 65, AMR, AP, EA-TEP-2, EA-ITP-P2

H01 Troubleshoot, service, and repair electrical and mechanical fluid rate-of-flow indicating systems
H02 Inspect, check, service, troubleshoot, and repair electrical and mechanical engine temperature, pressure, and RPM indicating systems

Engine Fire Protection Systems-AC 65-9A, AC 65-12A, ABS, AMR, AP, EA-ITP-P2

I01 Inspect, check, service, troubleshoot, and repair engine fire detection and extinguishing systems

Engine Electrical Systems-AC 65-9A, AC 65-12A, AC 65-15A, AC 43.13-1A, FAR 23, FAR 25, AEE, AP, EA-ITP-G2, EA-ITP-P2

J01 Repair engine electrical system components
J02 Install, check, and service engine electrical wiring, controls, switches, indicators, and protective devices

Lubrication Systems-AC 65-12A, AC 65-15A, FAR 33, AP, EA-TEP-2, EA-ITP-P2

K01 Identify and select lubricants
K02 Repair engine lubrication system components

K03 Inspect, check, service, troubleshoot, and repair engine lubrication systems

Ignition and Starting Systems--AC 65-12A, AC 65-15A, AEE, AP, EA-TEP-2, EA-ITP-P2

L01 Overhaul magneto and ignition harness
L02 Inspect, service, troubleshoot, and repair reciprocating and turbine engine ignition systems and components
L03 Inspect, service, troubleshoot, and repair turbine engine electrical starting systems
L04 Inspect, service, and troubleshoot turbine engine pneumatic starting systems

Fuel Metering Systems-AC 65-9A, AC 65-12A, AP, EA-TEP-2, EA-ITP-P2

M01 Troubleshoot and adjust turbine engine fuel metering systems and electronic engine fuel controls
M02 Overhaul carburetor
M03 Repair engine fuel metering system components
M04 Inspect, check, service, troubleshoot, and repair reciprocating and turbine engine fuel metering systems

Engine Fuel Systems-AC 65-9A, AC 65-12A, AC 43.13-1A, FAR 23, AP, EA-ITP-P2

N01 Repair engine fuel system components
N02 Inspect, check, service, troubleshoot, and repair engine fuel systems

Induction and Engine Airflow Systems-AC 65-9A, AC 65-12A, AC 43.13-1A, AP, EA-TEP-2, EA-ITP-P2

O01 Inspect, check, troubleshoot, service, and repair engine ice and rain control systems
O02 Inspect, check, service, troubleshoot, and repair heat exchangers, superchargers, and turbine engine airflow and temperature control systems
O03 Inspect, check, service, and repair carburetor air intake and induction manifolds

Engine Cooling Systems-AC 65-12A, ABS, AP, EA-ITP-P2

P01 Repair engine cooling system components
P02 Inspect, check, troubleshoot, service, and repair engine cooling systems

Engine Exhaust and Reverser Systems-C 65-12A, AC 43.13-1A, EA-XTP-P2

Q01 Repair engine exhaust system components
Q02 Inspect, check, troubleshoot, service, and repair engine exhaust systems
Q03 Troubleshoot and repair engine thrust reverser systems and related components

Propellers-AC 65-9A, AC 65-12A, AC 43.13-1A, FAR 43, FAR 65, AP, EA-ATD-2, EA-APC, EA-ITH-P2

R01 Inspect, check, service, and repair propeller synchronizing and ice control systems
R02 Identify and select propeller lubricants
R03 Balance propellers
R04 Repair propeller control system components
R05 Inspect, check, service, and repair fixed pitch, constant speed and feathering propellers, and propeller governing systems
R06 Install, troubleshoot, and remove propellers
R07 Repair aluminum alloy propeller blades

Auxiliary Power Units--IDXT, EA-363, EA-ATD-2, EA-TEP-2

T01 Inspect, check, service, and troubleshoot turbine-driven auxiliary power units

NOTE: AC 00-2, Advisory Circular Checklist, transmits the status of all FAA advisory circulars (AC's), as well as FAA internal publications and miscellaneous flight information such as Airman's Information Manual (AIM), Airport/Facility Directory, knowledge test study guides, and other material directly related to a certificate or rating. To obtain a free copy of AC 00-2, send your request to:

U.S. Department of Transportation
Property Use and Storage Section, M-483.7
Washington, DC 20590

AVIATION MECHANIC POWERPLANT EXAMINATION QUESTION REFERENCES

A01:
1. AC 65-12A
2. AC 65-12A
3. AC 65-12A
4. AC 65-12A
5. AC 65-12A
6. AC 65-12A
7. AC 65-12A
8. AC 65-12A
9. AC 65-12A
10. AC 65-12A

A02:
11. AP
12. AC 65-12A
13. AP
14. AC 65-12A
15. AC 65-12A
16. AP
17. AC 65-12A
18. AC 65-12A
19. AC 65-12A
20. AP
21. EA-ITP-P2
22. AC 65-12A
23. AP
24. AP
25. AC 65-12A
26. AC 65-12A
27. AC 65-12A
28. AC 65-12A
29. AC 65-12A
30. EA-ITP-P2
31. AP
32. AC 65-12A
33. AC 65-12A
34. AC 65-12A
35. AP
36. AP
37. AP
38. AC 65-12A
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46. AC 65-12A
47. AP

A03:
48. AC 65-12A
49. AP
50. AC 65-12A
51. AC 65-12A
52. AC 65-12A
53. FAR 43
54. EA-ITP-P2
55. AC 65-12A
56. AC 65-12A
57. AC 65-12A
58. AP
59. AC 65-12A
60. AC 65-12A
61. AC 65-12A
62. AC 65-12A
63. AC 65-12A
64. AC 65-12A
65. AC 65-12A
66. EA-ITP-P2
67. AC 65-9A
68. AC 65-12A
69. AC 65-12A
70. EA-ITP-P2
71. AC 65-12A
72. AC 65-12A
73. AC 65-12A
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80. AC 65-12A
81. AP
82. AC 65-12A
83. AP
84. AP

A04:
85. AP
86. AC 65-12A
87. AC 65-12A
88. AC 65-12A
89. AC 65-12A
90. AP
91. AC 65-12A
92. AC 65-12A
93. EA-ITP-P2
94. AC 65-12A
95. AC 65-12A
96. AC 65-12A
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98. AC 65-12A
99. AP
100. AC 65-12A
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103. AC 65-12A
104. AC 65-12A
105. AP
106. EA-ITP-P2
107. AP

B01:
108. AC 65-12A
109. AC 65-12A
110. AC 65-12A
111. AC 65-12A
112. AP
113. EA-TEP-2
114. AC 65-12A
115. AC 65-12A
116. AC 65-12A
117. AC 65-12A
118. AC 65-12A
119. AC 65-12A
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122. AC 65-12A
123. AC 65-9A
124. AC 65-12A
125. EA-ITP-P2
126. AC 65-12A
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128. EA-TEP-2
129. AC 65-12A
130. AC 65-12A
131. EA-TEP-2
132. AC 65-12A
133. AC 65-12A
134. AC 65-12A
135. FAR 33
136. EA-TEP-2
137. EA-TEP-2
138. EA-ITP-P2
139. FAR 33.4
140. EA-TEP-2

B02:
141. AC 65-12A
142. EA-ITP-P2
143. AC 65-12A
144. AC 65-12A
145. AC 65-15A
146. AC 65-12A
147. AC 65-12A
148. AC 65-12A
149. AC 65-12A
150. AC 65-15A
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162. AC 65-12A
163. AC 65-9A
164. AC 65-9A
165. AC 65-12A
166. AC 65-12A
167. EA-TEP-2
168. AC 65-12A
169. AC 65-12A
170. AC 65-12A
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172. AC 65-12A
173. EA-ITP-P2
174. EA-TEP-2
175. EA-ITP-P2
176. AP
177. AC 65-12A
178. AC 65-12A
179. AC 65-15A
180. AC 65-15A
181. AC 65-15A
182. AC 65-15A
183. EA-TEP-2
184. AP
185. AC 65-12A
186. AC 65-12A
187. AC 65-12A
188. AC 65-12A
189. AC 65-12A
190. AC 65-12A
191. EA-ITP-P2
192. AC 65-12A
193. EA-ITP-P2
194. AC 65-12A
195. AC 65-12A
196. EA-ITP-P2
197. EA-TEP-2
198. EA-TEP-2
199. EA-ITP-P2

B03:
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201. AC 65-9A
202. AC 65-12A
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208. EA-ITP-P2
209. EA-ITP-P2
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214. AC 65-12A
215. AC 65-12A
216. AC 65-12A
217. AC 65-12A
218. AC 65-12A
219. EA-ITP-P2
220. EA-ITP-P2
221. AC 65-12A
222. AC 65-12A
223. EA-TEP-2
224. EA-TEP-2
225. AP
226. AP
227. EA-TEP-2

C01:

228. AC 39-7B
229. EA-ITP-G2
230. AC 65-12A
231. AC 65-12A
232. AC 65-9A
233. FAR 43
234. FAR 39.3 & AC 39-7B
235. EA-ITP-G2
236. FAR 43
237. AC 65-12A
238. ABS
239. AC 43.13-1A
240. AC 65-12A
241. FAR 23.903
242. AC 65-12A
243. AC 65-12A
244. AC 65-9A
245. FAR 65.95
246. FAR 43
247. FAR 23
248. FAR 43.13
249. FAR 43.9
250. FAR 43.13a
251. AC 65-9A
252. FAR 23
253. AC 65-12A
254. FAR 33
255. EA-ITP-P2
256. AP

H01:

257. AC 65-12A
258. AC 65-15A
259. AC 65-12A
260. AC 65-15A
261. AC 65-15A
262. AC 65-12A
263. AP
264. AEE
265. EA-TEP-2
266. AP

H02:

267. AC 65-12A
268. AP
269. AC 65-15A
270. AC 65-15A
271. AC 65-15A
272. AC 65-12A
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274. AC 65-15A
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278. AC 65-15A
279. AC 65-15A
280. AP
281. AC 65-12A
282. AC 65-12A
283. AC 65-12A
284. AC 65-12A
285. AC 65-15A
286. EA-ITP-P2 & EA-TEP-2
287. AC 65-12A
288. AC 65-15A
289. AC 65-15A
290. AC 65-12A
291. FAR 65.81
292. AC 65-15A
293. AC 65-12A
294. AC 65-12A
295. AP
296. EA-TEP-2
297. EA-TEP-2
298. AC 65-12A
299. AC 65-12A
300. AC 65-12A
301. AC 65-12A
302. AC 65-12A
303. AC 65-12A
304. AC 65-12A
305. AMR
306. AMR
307. EA-TEP-2
308. AP
309. AC 20-88A

I01:

310. AC 65-12A
311. AC 65-12A
312. AC 65-12A
313. AC 65-12A
314. AC 65-12A
315. AC 65-12A
316. AC 65-15A
317. AC 65-12A
318. AC 65-12A
319. AC 65-15A
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326. AP
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332. AC 65-9A
333. AC 65-12A
334. AC 65-15A
335. AC 65-15A
336. AC 65-12A
337. AC 65-12A
338. AMR
339. ABS
340. EA-ITP-P2
341. AC 65-12A

J01:

342. AEE
343. AC 65-9A
344. AC 65-9A
345. AC 65-12A
346. AC 65-9A
347. AC 65-9A
348. AC 65-9A
349. AC 65-9A
350. AC 65-9A
351. AC 65-9A
352. AC 65-9A
353. AEE
354. FAR 25.1351
355. AC 65-9A
356. A C 65-9A
357. AC 65-9A
358. AC 65-15A
359. AEE
360. AC 65-9A
361. AEE
362. EA-ITP-P2
363. AEE
364. AEE
365. AEE
366. AEE
367. EA-ITP-G2
368. EA-ITP-G2
369. EA-ITP-G2
370. EA-ITP-G2
371. AP
372. EA-ITP-P2
373. EA-ITP-G2
374. AEE

J02:

375. AC 43.13-1A
376. AC 65-12A
377. AC 43.13-1A
378. AC 43.13-1A
379. AC 65-12A
380. AC 65-12A
381. AEE
382. AEE
383. AC 65-9A
384. AC 65-12A
385. AC 65-12A
386. AP
387. AC 43.13-1A
388. AC 65-12A
389. AC 65-12A
390. AC 43.13-1A
391. AC 43.13-1A
392. AC 65-12A
393. AC 43.13-1A
394. AC 43.13-1A
395. EA-ITP-G2
396. EA-ITP-G2
397. EA-ITP-P2
398. EA-ITP-P2
399. EA-ITP-P2
400. FAR 23.1357
401. EA-ITP-P2
402. EA-ITP-P2
403. AEE
404. EA-ITP-P2
405. EA-ITP-P2
406. EA-ITP-P2
407. EA-ITP-P2
408. EA-ITP-P2
409. AEE
410. EA-ITP-P2

K01:

411. AC 65-12A
412. AC 65-12A
413. AC 65-15A
414. AC 65-12A
415. AP
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424. AC 65-12A
425. AC 65-12A
426. AC 65-12A
427. AP
428. AP
429. AP
430. EA-TEP-2
431. EA-ITP-P2
432. EA-ITP-P2

K02:

433. EA-TEP-2
434. AP
435. AC 65-12A

436. AC 65-12A
437. AC 65-12A
438. AC 65-12A
439. AP
440. EA-TEP-2
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447. FAR 33.71
448. FAR 33.71
449. AC 65-12A
450. EA-TEP-2
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453. AC 65-12A
454. AC 65-12A
455. AC 65-12A
456. EA-TEP-2
K03:
457. EA-ITP-P2
458. AC 65-12A
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465. AP
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481. AP
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496. AC 65-12A
497. AC 65-12A
498. FAR 23.1013
499. EA-TEP-2
500. AC 65-12A
501. EA-ITP-P2
502. AC 65-12A
L01:
503. AP
504. AC 65-12A
505. AC 65-12A
506. AC 65-12A
507. AC 65-12A
508. AP
509. AC 65-12A
510. AP
511. AC 65-12A
512. AC 65-12A
513. AC 65-12A
514. AC 65-12A
515. EA-ITP-P2
516. AC 65-12A
517. AC 65-12A
518. EA-ITP-P2
519. AC 65-12A
520. AC 65-12A
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524. AC 65-12A
525. AP
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527. AC 65-12A
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529. AC 65-12A
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531. AC 65-12A
532. AP
533. AC 65-12A & AP
534. AC 65-12A
535. AC 65-12A
536. AC 65-12A
537. AC 65-12A
538. AC 65-12A
539. AP
540. AP
L02:
541. EA-ITP-P2
542. AC 65-12A
543. AC 65-12A
544. AP
545. AC 65-12A
546. AC 65-12A
547. AC 65-12A
548. AP
549. AC 65-12A
550. AC 65-12A
551. AC 65-12A
552. AC 65-12A
553. AP & EA-ITP-P2
554. AEE
555. AC 65-12A
556. AC 65-12A
557. AC 65-12A
558. AC 65-12A
559. EA-TEP-2
560. EA-TEP-2
561. AP
562. EA-ITP-P2
563. EA-ITP-P2
L03:
564. AC 65-12A
565. AP
566. AC 65-12A
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570. AC 65-12A
571. AP
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595. EA-ITP-P2
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600. AP
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607. A C 65-12A
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611. AC 65-12A
612. AC 65-12A
613. AP
614. EA-ITP-P2
615. EA-ITP-P2
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617. EA-ITP-P2
618. EA-ITP-P2
619. EA-ITP-P2
620. EA-ITP-P2
621. EA-ITP-P2
622. EA-ITP-P2
623. EA-ITP-P2
624. EA-ITP-P2
L04:
625. EA-ITP-P2
626. EA-TEP-2
627. AP
628. EA-ITP-P2
629. EA-ITP-P2
630. EA-ITP-P2
631. EA-ITP-P2
632. EA-ITP-P2
633. AP
M01:
634. AC 65-12A
635. EA-ITP-P2
636. AC 65-12A
637. AP
638. AP
639. AP
640. AP
641. EA-TEP-2
642. EA-TEP-2
643. EA-TEP-2
644. AP
M02:
645. EA-ITP-P2
646. AC 65-12A
647. AC 65-12A
648. AC 65-12A
649. AC 65-12A
650. AC 65-12A
651. EA-ITP-P2
652. AP
653. EA-ITP-P2 & AC 65-12A
654. AC 65-12A
655. AP
656. AC 65-12A
657. AC 65-12A

658. AC 65-12A
659. AC 65-12A
660. AC 65-12A
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667. AC 65-12A
668. AP
669. AP
670. AC 65-12A
671. EA-ITP-P2
672. AC 65-12A
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676. AC 65-12A
677. AC 65-12A
678. AP
679. AC 65-12A
680. AC 65-12A
681. AC 65-12A
M03:
682. AC 65-12A
683. AP
684. AC 65-12A
685. AC 65-12A
686. AC 65-12A
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691. AC 65-12A
692. AC 65-12A
693. AC 65-12A
694. AC 65-12A
695. AC 65-12A
696. AC 65-12A
697. AP & EA-ITP-P2
698. AP
M04:
699. AC 65-12A
700. AC 65-12A
701. AC 65-12A
702. AC 65-12A
703. AP
704. AC 65-12A
705. AP
706. AC 65-12A
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709. AP
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713. AC 65-12A
714. AC 65-12A
715. AC 65-9A
716. AC 65-12A
717. AC 65-12A
718. AC 65-12A
719. AC 65-12A
720. AC 65-12A
721. AC 65-12A
722. EA-ITP-P2
723. AC 65-12A
724. AC 65-12A
725. AC 65-12A
726. EA-TEP-2
727. EA-ITP-P2
728. AC 65-12A
729. EA-ITP-P2
730. EA-ITP-P2
731. EA-ITP-P2
N01:
732. AC 65-9A
733. AC 65-12A
734. FAR 23.995
735. AC 65-9A
736. AC 65-9A
737. AC 65-9A
738. AC 65-9A
739. AC 65-9A
740. AC 65-9A
741. AC 65-9A
742. AC 65-9A
743. AP
N02:
744. AP
745. FAR 23.119
746. AC 65-9A
747. AC 43.13-1A
748. AC 65-9A
749. FAR 23.955
750. AC 65-9A
751. AC 65-9A
752. AC 65-9A
753. AC 65-9A
754. AC 65-12A
755. AC 65-9A
756. AP
757. AP 65-9A
758. AC 65-9A
759. AC 65-9A
760. AC 65-9A
761. AP
762. AP
763. AC 65-12A
764. AC 65-12A
765. AP &
AC 65-12A
766. EA-ITP-P2
767. EA-ITP-P2
768. EA-ITP-P2
769. EA-ITP-P2
770. EA-ITP-P2
771. EA-ITP-P2
O01:
772. AP
773. AC 65-9A
774. AC 65-12A
775. AC 65-12A
776. AC 65-12A
777. AC 65-12A
778. AC 65-12A
779. AC 65-12A
O02:
780. AC 65-12A
781. AC 65-12A
782. AC 65-12A
783. EA-ITP-P2
784. AC 43.13-1A
785. AC 65-12A
786. AC 65-12A
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790. AC 65-12A
791. AC 65-12A
792. AC 65-12A
793. AC 65-12A
794. EA-ITP-P2
795. AC 65-12A
796. EA-TEP-2
797. EA-TEP-2
798. EA-TEP-2
799. EA-TEP-2
800. EA-TEP-2
801. EA-TEP-2
802. EA-TEP-2
O03:
803. AP
804. AC 65-12A
805. AC 65-12A
806. AP
807. AC 65-12A
808. EA-ITP-P2
809. EA-ITP-P2
810. AC 65-9A
811. EA-ITP-P2
812. AC 65-12A
813. AC 65-12A
P01:
814. AC 65-12A
815. AC 65-12A
816. AC 65-12A
817. AC 65-12A
818. AC 65-12A
819. AC 65-12A
820. AC 65-12A
821. EA-ITP-P2
822. EA-ITP-P2
823. AC 65-12A
P02:
824. AC 65-12A
825. AC 65-12A
826. EA-ITP-P2
827. AC 65-12A
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833. AP
834. AP
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838. AC 65-12A
839. AP
840. ABS
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843. AC 65-12A
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845. AC 65-12A
Q01:
846. AC 65-12A
847. EA-ITP-P2
848. EA-ITP-P2
849. AC 65-12A
850. AC 65-12A
851. AC 65-12A
852. AC 43.13-1A
853. AC 43.13-1A
854. AC 65-12A
Q02:
855. AC 65-12A
856. AC 65-12A
857. AC 65-12A
858. AC 43.13-1A
859. AC 65-12A
860. AC 65-12A
861. AC 65-12A
862. AC 65-12A
863. AC 65-12A
864. AC 65-12A
865. AC 65-12A
866. AC 65-12A
867. AC 43.13-1A
868. AC 43.13-1A
869. AC 43.13-1A
870. AC 43.13-1A
871. EA-ITP-P2
872. AC 43.13-1A
Q03:
873. EA-TEP-2
874. EA-TEP-2
875. EA-TEP-2
876. EA-TEP-2

877. EA-TEP-2
878. EA-TEP-2
879. EA-TEP-2
880. EA-TEP-2
R01:
881. AC 65-12A
882. AC 65-12A
883. AC 65-12A
884. AC 65-12A
885. AC 65-12A
886. AC 65-12A
887. AC 65-12A
888. EA-APC
889. EA-ITP-P2
R02-R03:
890. AC 65-12A
891. AP
892. AC 65-12A
893. AC 65-12A
894. AC 43.13-1A
895. AC 43.13-1A
896. AC 65-12A
897. AC 65-12A
898. AC 65-12A
R04:
899. AC 65-12A
900. AC 65-12A
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903. AC 65-12A
904. AC 65-12A
905. AC 65-12A
906. AC 65-12A
907. AC 65-12A
908. AC 65-12A
909. AC 65-12A
910. AC 65-12A
911. AC 65-12A
R05:
912. AC 65-12A
913. AC 65-12A
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918. AC 65-12A
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939. AC 65-12A
940. AC 65-12A
941. AC 43.13-1A
942. EA-APC
943. EA-AP
944. AP
945. AC 65-12A
946. EA-ITP-P2
947. EA-ITP-P2
948. EA-ATD-2
949. AC 65-12A
950. AC 65-12A
951. AC 65-12A
952. AC 65-12A
953. AC 65-12A
954. AP
955. AC 65-12A
956. AC 65-12A
957. AC 65-12A
958. AC 65-12A
959. FAR 65.81 & 43 App A
960. AC 65-12A
961. AP
962. EA-ITP-P2
963. EA-ITP-P2
964. EA-ITP-P2
965. EA-ITP-P2
R06:
966. EA-ITP-P2
967. AC 65-12A
968. AC 65-12A
969. AC 65-12A
970. AC 65-12A
971. EA-APC
972. AC 43.13-1A
973. AC 65-12A
974. AC 65-12A
975. AC 65-12A
976. EA-APC
977. AC 65-12A
978. AC 65-12A
979. EA-APC
980. AC 65-12A
981. AC 65-12A
982. AC 65-12A
R07:
983. AC 43.13-1A
984. AC 43.13-1A
985. AP
986. AP
987. EA-ITP-P2
988. EA-ITP-P2
989. AP
990. AP
991. FAR 43 App A & FAR 65.81
992. AP
993. AP
994. AP
995. AP
996. FAR 43 App A
TO1:
997. EA-363
998. EA-363
999. EA-363
1000. DAT & EA-ATD-2
1001. EA-TEP-2
1002. EA-363
1003. EA-363
1004. EA-363
1005. EA-TEP-2
1006. EA-363

COMPUTER TESTING DESIGNEES

The following is a list of the computer testing designees authorized to give FAA knowledge tests. This list should be helpful in choosing where to register for a test or for requesting additional information.

Aviation Business Services
1-800-947-4228
outside U.S. (415) 259-8550

Drake Prometric
1-800-359-3278
outside U.S. (612) 896-7702

Sylvan Learning Systems, Inc.
1-800-967-1100
outside U.S. (410) 880-0880, Extension 8890

The latest listing of computer testing center locations may be obtained through FedWorld, (703) 321-3339, in the FAA library file named TST_SITE. For technical assistance, contact the FedWorld help desk at (703) 487-4608.

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